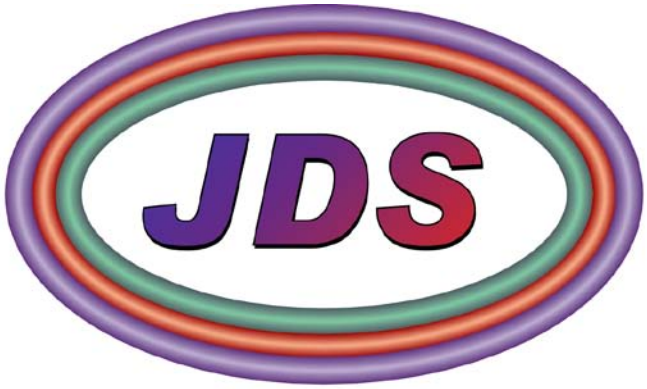


Digital Security Systems

Enterprise 2

User Manual

Getting Started

Installation/Login

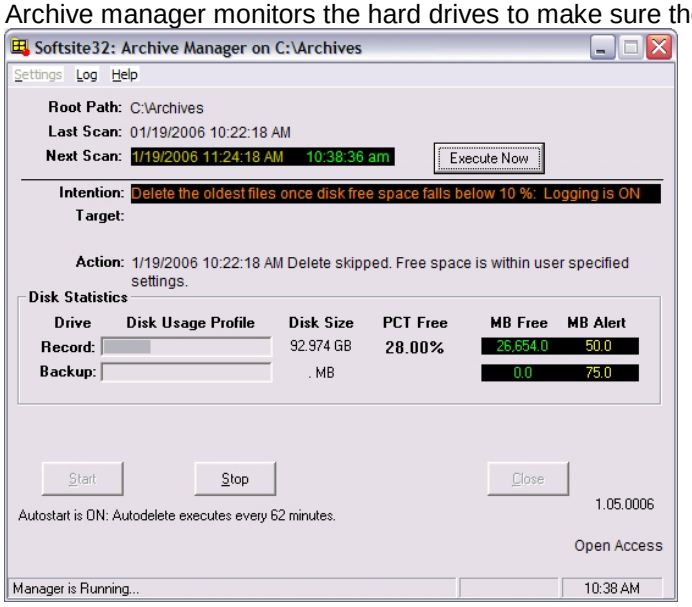
Unzip softsite32 enterprise to a folder on the desktop. Windows will ask you for a password. Type quiet into the box

Install softsite32.msi

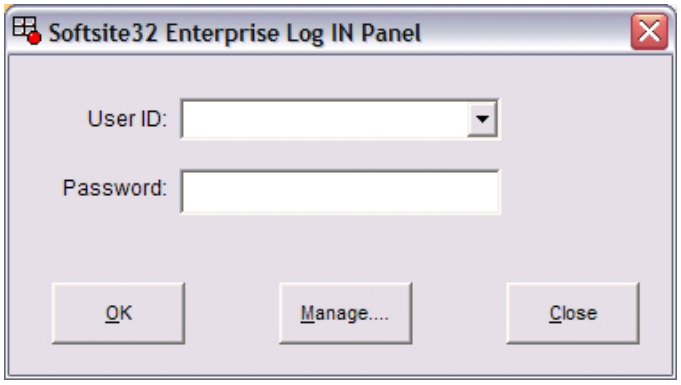
Run application for first time by double clicking the shortcut to Softsite32 Enterprise.exe

The first window announces you do not have any login accounts

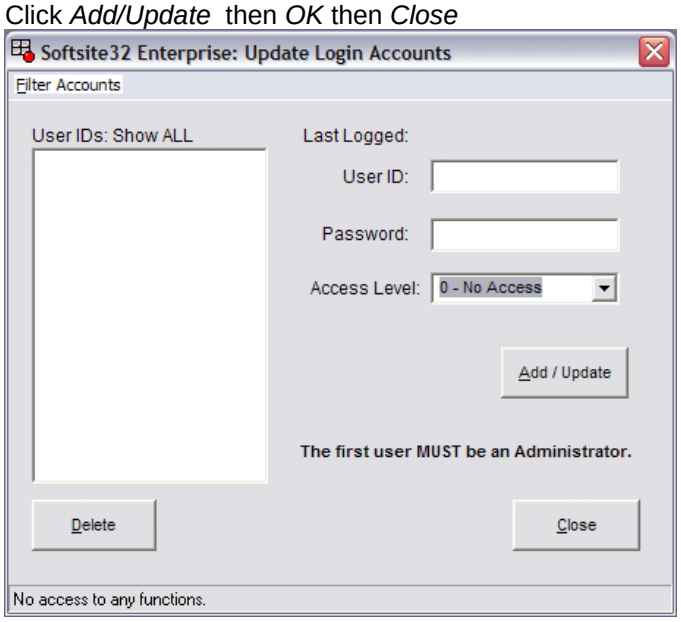
Archive manager monitors the hard drives to make sure they do not fill up thus stopping your recording



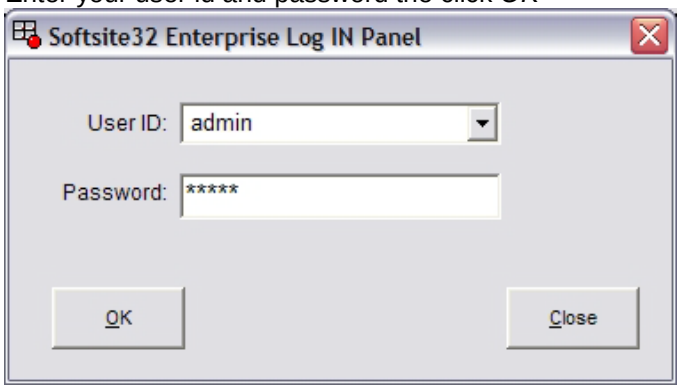
Click *manage* to add your first login account



The Login account manager is displayed
Enter user id, password and an access level
Click *Add/Update* then *OK* then *Close*



Enter your user id and password the click *OK*

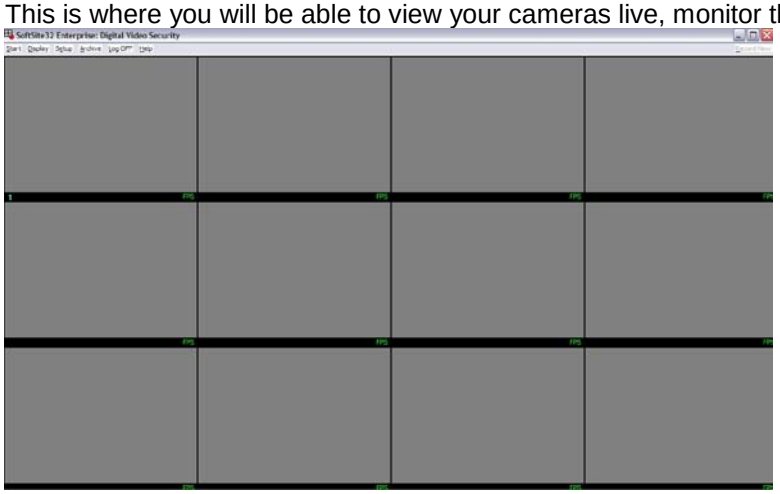


The software warns you that you do not have any servers installed and then explains where to add them

Main Window

This is the main window of the application

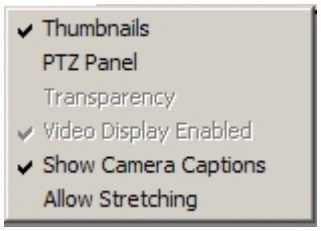
This is where you will be able to view your cameras live, monitor the activity history, and bring up archives instantly



Start

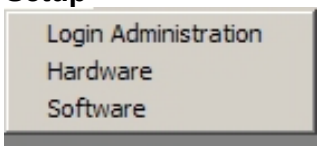
Start and or stops the cameras from streaming

Display



1. **Thumbnails**
   - By Default Thumbnail mode is on and cannot be unchecked
2. **PTZ Panel**
   - Displays the PTZ control panel for movement
3. **Transparency**
   -
4. **Video Display Enabled**
   - Allows video to be turned on or off. This does not affect recording or motion detection
5. **Show Camera Captions**
   - Shows the name and information of the camera underneath the window
6. **Stretching**
   - Allows camera viewed to be stretched to fit in windows either fullscreen or stretched smaller. ***NOTE:*** *This significantly hinders performance. Other Methods of displaying all video are available and will be discussed later in this manual*

Setup



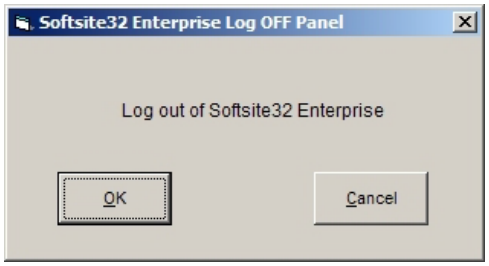
1. **Login Administration**
   - Administration of login accounts. This is only available to those with level 5 clearance
2. **Hardware**
   - Hardware configuration including camera servers and ptz controls
3. **Software**
   - Software configuration including screen sizes and window arrangement

Archive

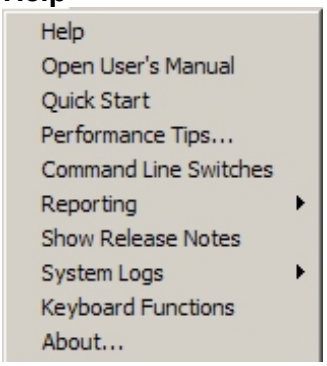
1. **Browse Recorded Video**
   - 2 choices are given Softview and Softview DVE
2. **Motion Activity History**
   - Displays motion activity history for all camera shown

Log OFF

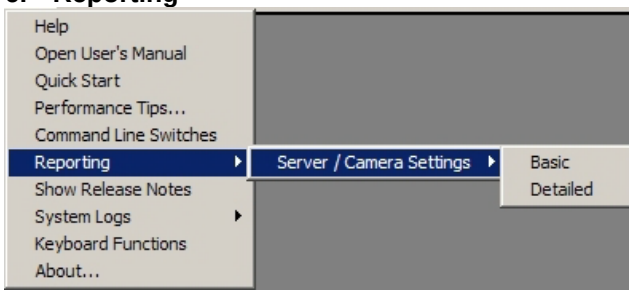
When pressed brings up this screen



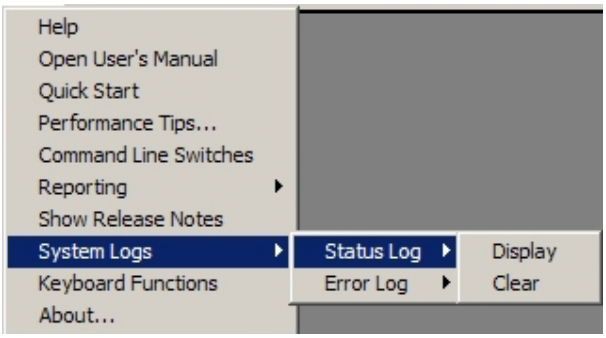
Help



1. **Help**
   - Opens the help guide
2. **Open User's Manual**
   - Opens the manual from the website
3. **Quick Start**
   - Opens the Quick Start Guide
4. **Performance Tips**
   - Opens the Performance tips panel explaining adjusting system performance
5. **Command Line Switches**
   - Opens file containing all of the command line switches for product
6. **Reporting**



   - allows viewing of a basic or detailed report
7. **Show Release Notes**
   - Opens the current release notes
8. **System Logs**



- Allows clearing and display of status logs and error logs

9. Keyboard Functions

- Opens Keyboard Functions Panel

10. About

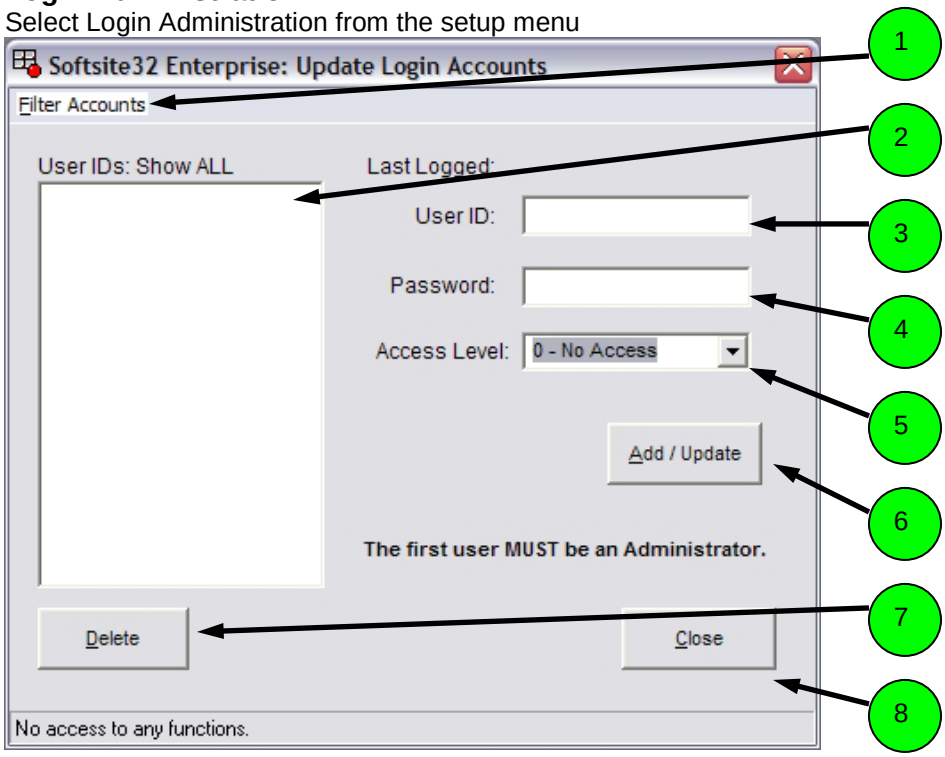
- Opens the About Panel

Setup

You must be logged in as an Administrator into the software to access the setup menu

Login Administration

Select Login Administration from the setup menu



1. **Filter Accounts**
   - Filter the User IDs list by Access Level
2. **User ID's**
   - Displays the current user accounts
3. **User ID**
   - Input a new user id here. To edit a user, click on it in the left window
4. **Password**
   - Input password for new account or new password for old account
5. **Access Level**
   - Select the access level for the current account
     - **1. Start ONLY**
       - User can only start application to view cameras
     - **2. Start, Archives**
       - Level 1 + View Archives
     - **3. L2 and PTZ**
       - Level 2 + Display/PTZ control
     - **4. Start/Stop**
       - Level 3 + Stop capability
     - **5. Full Admin**
       - Full access and User admin capability
6. **Add/Update**
   - Add new account or update the current account
7. **Delete**
   - Delete the account selected

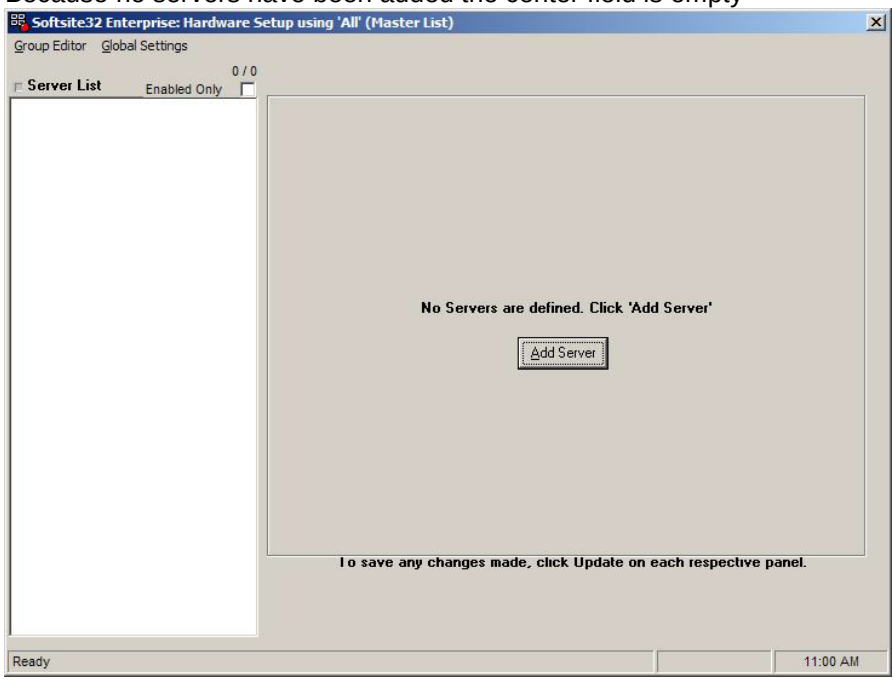
8. Close

- Close the Login administration panel

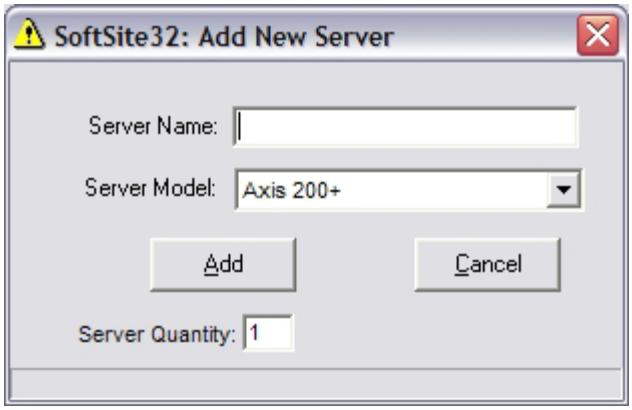
Hardware

Select Hardware from the Setup menu

Because no servers have been added the center field is empty



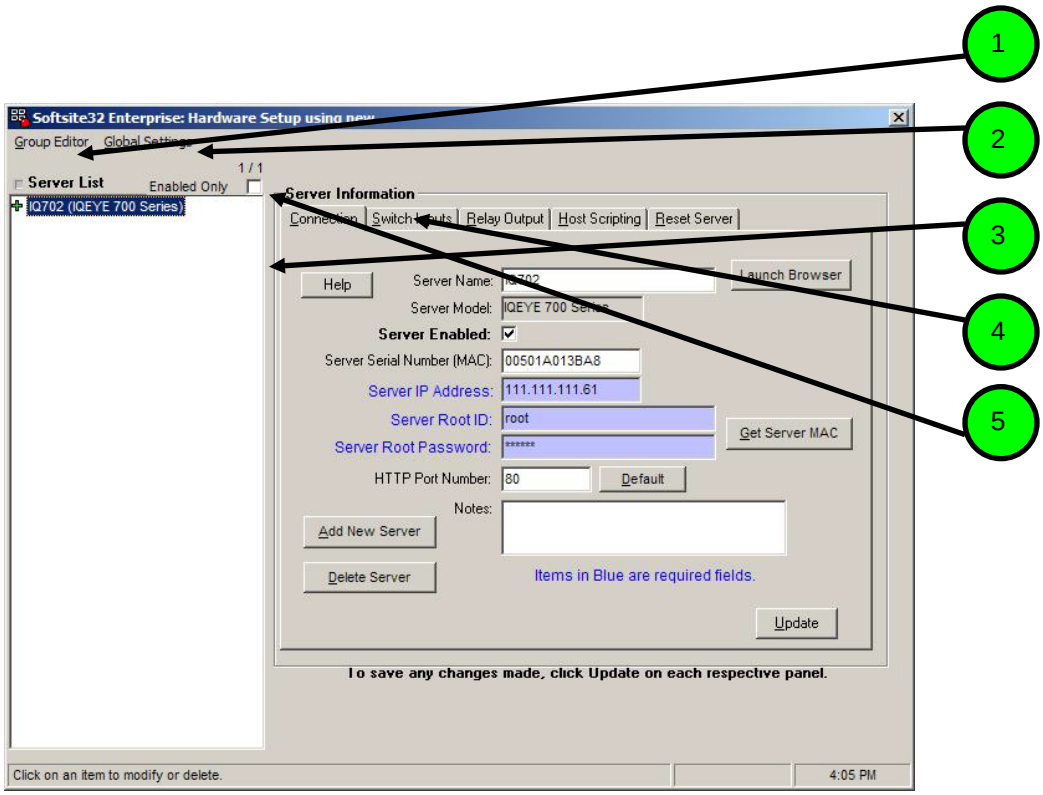
Press Add server



Enter Server name

Select the model name of the server

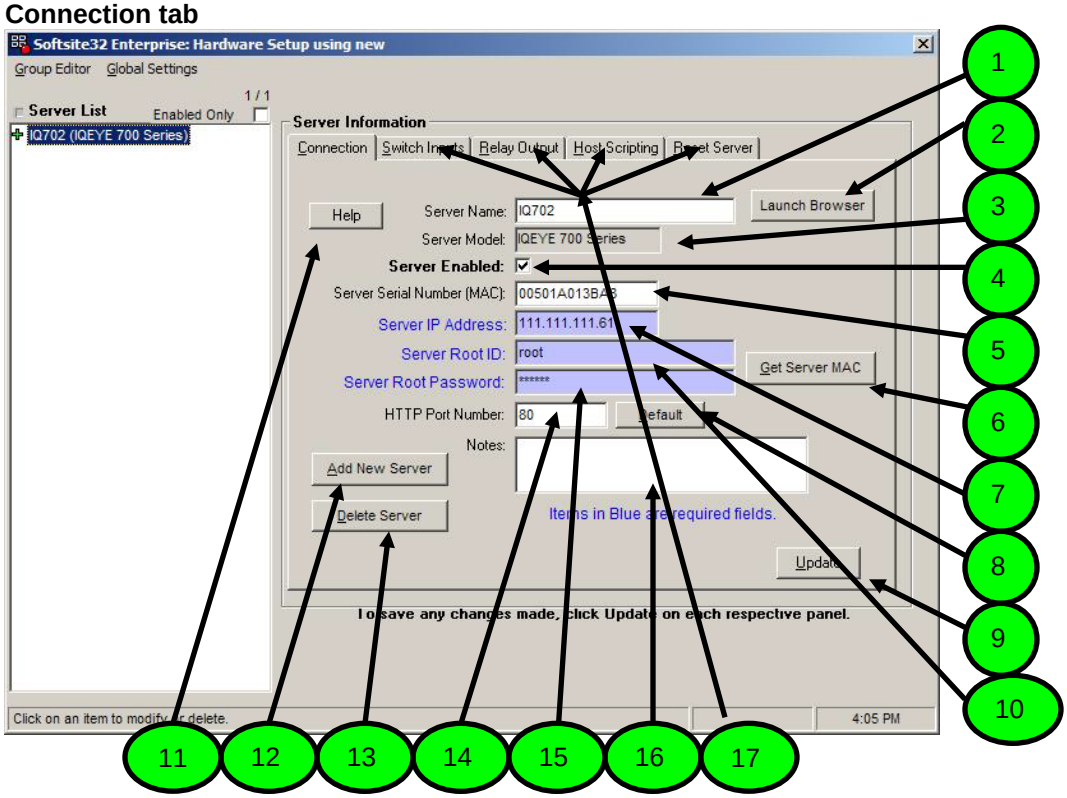
Click add (if you want to add multiple server with similar server name ex camera_1, camera_2 type the number before clicking add)



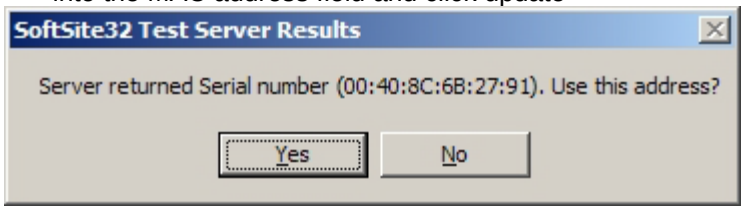
1. **Group Editor**
   - Allows groups to be created and manipulated
2. **Global Settings**
   - Allows certain settings to be set globally
3. **Server List**
   - List of all servers installed in the software. Server List shows enabled and disabled servers and cameras
4. **Server Information**
   - Contains settings pertininent to the server itself
5. **Enabled Only**
   Filters list by enabled servers

Server Setup Window

Connection tab



1. **Server Name**
   - You can edit the name of the server here. Note: after making any changes you must press the *UPDATE* button
2. **Launch Browser**
   - Launches the browser to the ip address in the *SERVER IP ADDRESS* field
3. **Server Model**
   - The Model of the selected server. Note: this cannot be changed without deleting and reading a new server
4. **Server Enabled**
   - Unchecking disables the server after pressing the *UPDATE* button
5. **Server Serial Number (MAC)**
   - This Field contains the MAC address of the server.
6. **Get Server MAC**
   - Pressing this button retrieves the MAC address from the server. Use this button as opposed to typing the address in manually.
   - Pressing this button also inputs the default root id and password unless they have already been input.
   - When the software correctly returns the MAC address you will see this screen. Click Yes to input it into the MAC address field and click update



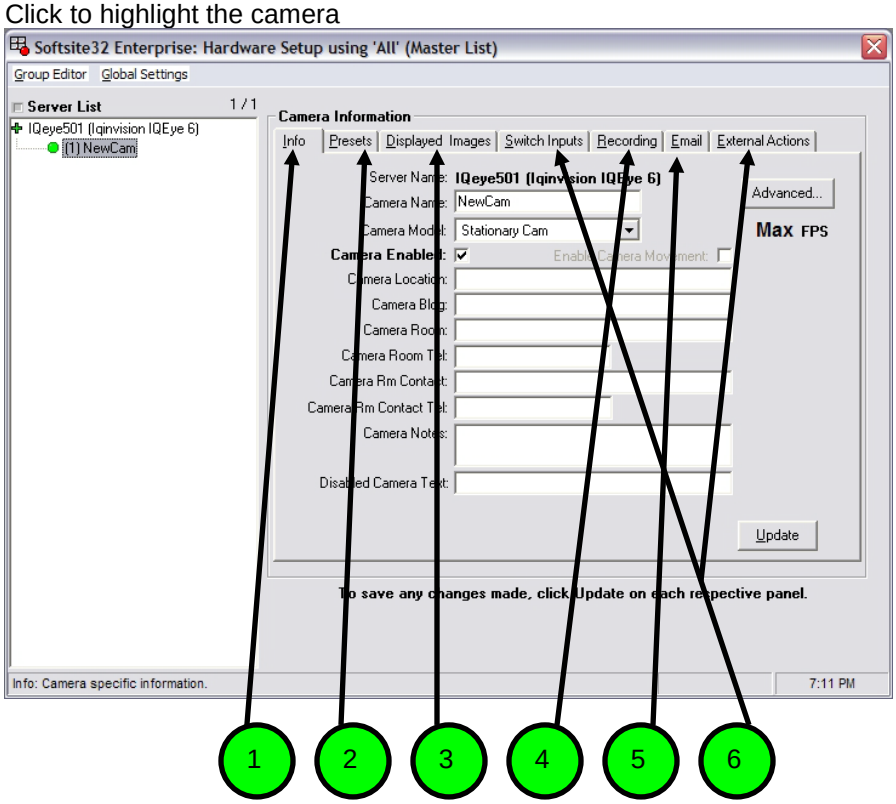
7. **Server IP Address**

- The IP address of the server is in this field. Note – This field is usually entered first

8. **Default**
   - This button replaces the http port field with 80
9. **Update**
   - This button updates all changes made to page. Button must be pressed to save any and all changes
10. **Server Root ID**
    - The administrative username for the camera server. Usually root, or admin
11. **Help**
    - Starts help file
12. **Add New Server**
    - Adds new server to the server list after it is selected and named
13. **Delete Server**
    - Deletes the current server selected in the server list
14. **HTTP Port Number**
    - The port that the current server operates on(usually 80)
15. **Server Root Password**
    - Root id password must be administrative password
16. **Notes**
    - Notes about the current server selected can be added here
17. **Advanced Tabs for specific camera use only. Contact Dealer for more information**

CAMERA SETUP WINDOW

Double click the Server in the Server List to view the camera
Click to highlight the camera

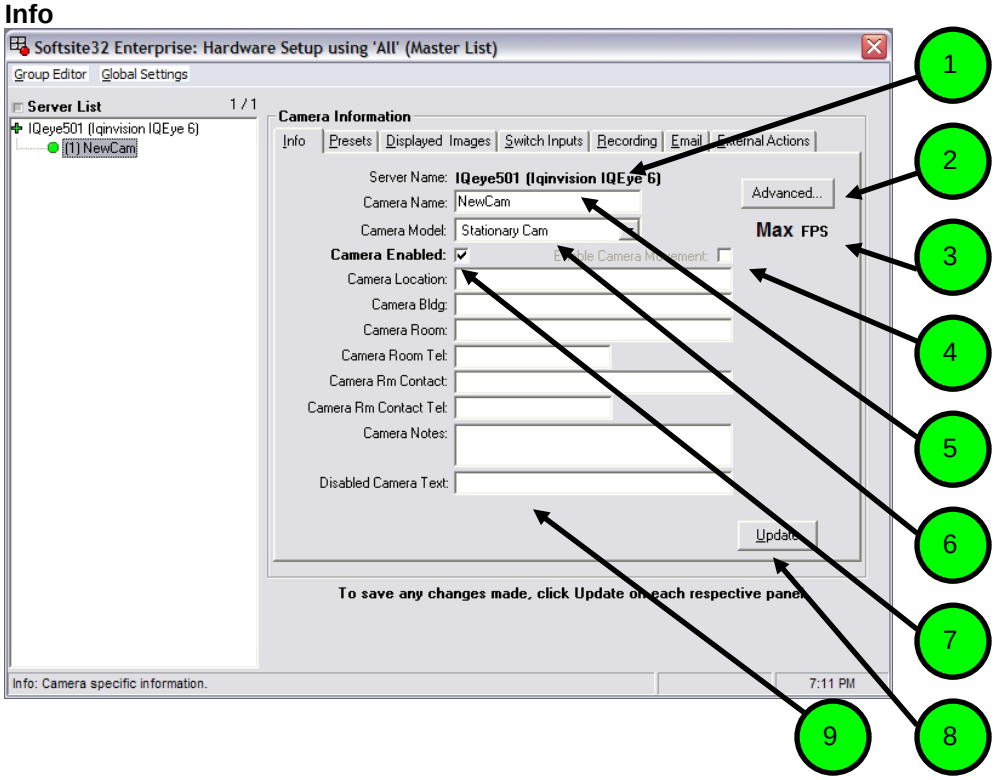


1. **Info**
   - Camera info can be stored here along with setting FPS and Camera model
2. **Presets**
   - Setup PTZ presets and tours are setup
3. **Displayed Images**

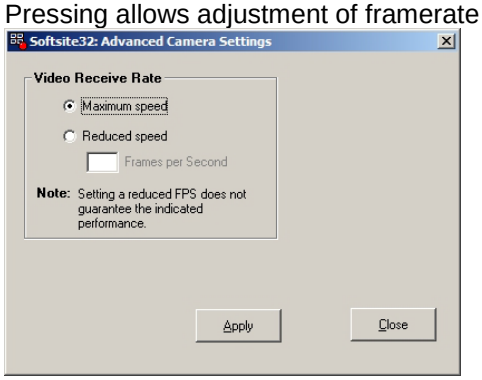
- Setup recording sizes and displayed sizes of camera images

4. **Recording**
   - Setup of camera recording rates and schedules
5. **Email**
   - Setup of email notification on motion is setup here
6. **Switch inputs and External Actions**
   - Advanced use for specific camera use only. Please contact your dealer

Info



1. **Server Name**
   - The server name for the selected camera
2. **Advanced Button**
   - Pressing allows adjustment of framerate for streaming

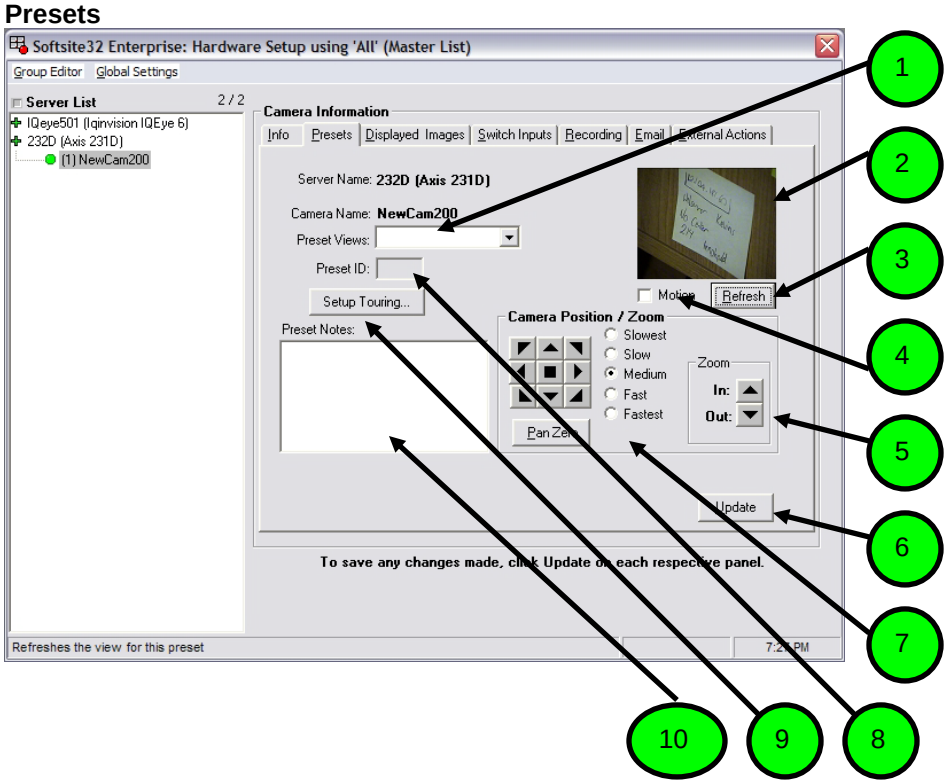


3. **Max FPS**
   - Displays the current streaming FPS
4. **Enable Camera movement**
   - Allows movement from ptz cameras
5. **Camera Name**

- Camera Name can be changed here

6. **Camera Model**
   - This drop down menu allows for specific models of cameras to be selected relating to ptz. **NOTE: NEW FEATURE ADDED 04/20/07 Digital PTZ, See Addendum 1**
7. **Camera Enabled**
   - Allows disabling of camera. Mainly used for multi port video servers
8. **Update**
   - This button updates all changes made to page. Button must be pressed to save any and all changes
9. **Camera Information**
   - Information about camera location and notes are stored here

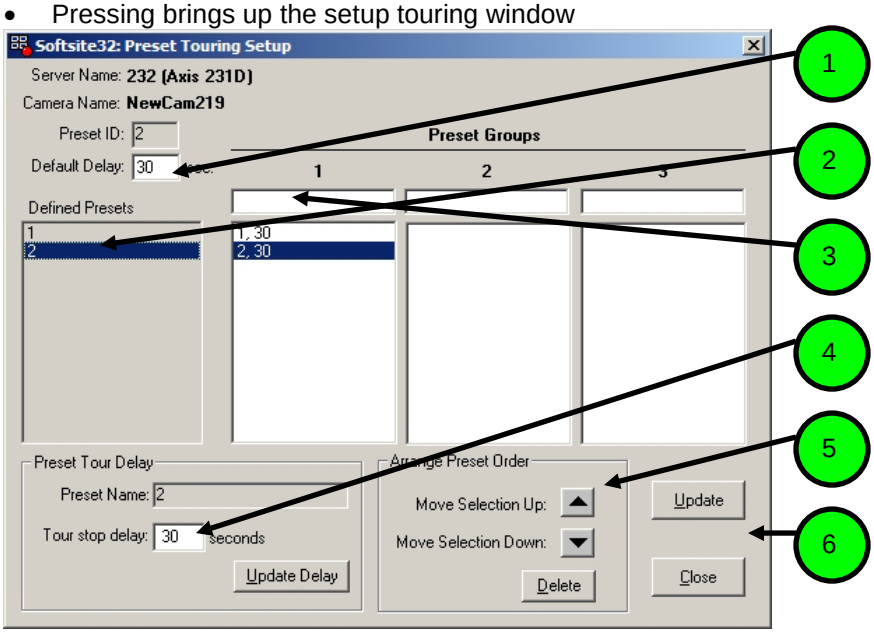
Presets



1. **Preset Views**
   - Adding a name here creates a preset for the current camera location and zoom. After adding name hit update to save
2. **Camera View**
   - Shows current position of camera. Updates every second
3. **Refresh button**
   - Refreshes the current camera view
4. **Motion button**
   -
5. **Zoom**
   - Controls the zoom of the camera
6. **Update**
   - This button updates all changes made to page. Button must be pressed to save any and all changes
7. **Camera Position buttons**
   - Use the buttons to position the camera to create preset positions
8. **Preset ID**
   - Each preset is assigned a preset id

9. Setup Touring

- Pressing brings up the setup touring window

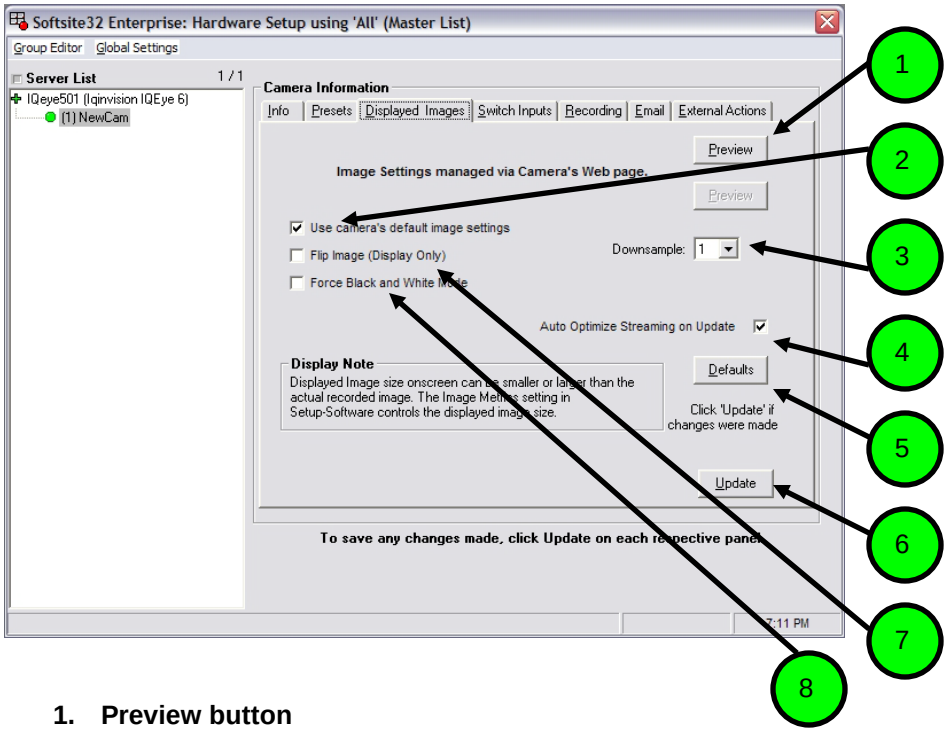


1. Default delay assigned to each preset added to a tour
2. Preset list by name. Id is displayed at the top next to Preset ID. Hold the Right mouse click to drag preset into the tour window
3. Tour Name is entered here
4. Adjust the delay of the selected preset in the tour window. To change the delay hit *Update Delay*
5. Use these buttons to adjust the order of the presets in the tour. You can also delete the preset from the tour
6. Update and close button. Update the setting and close the panel

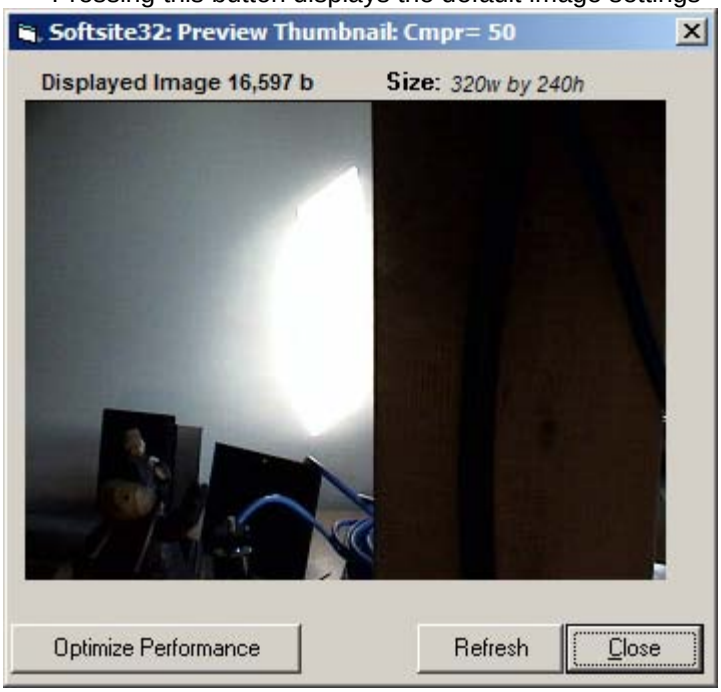
10. Preset notes

- Enter notes on each preset here. Not required

Displayed Images



1. **Preview button**
   - Pressing this button displays the default image settings



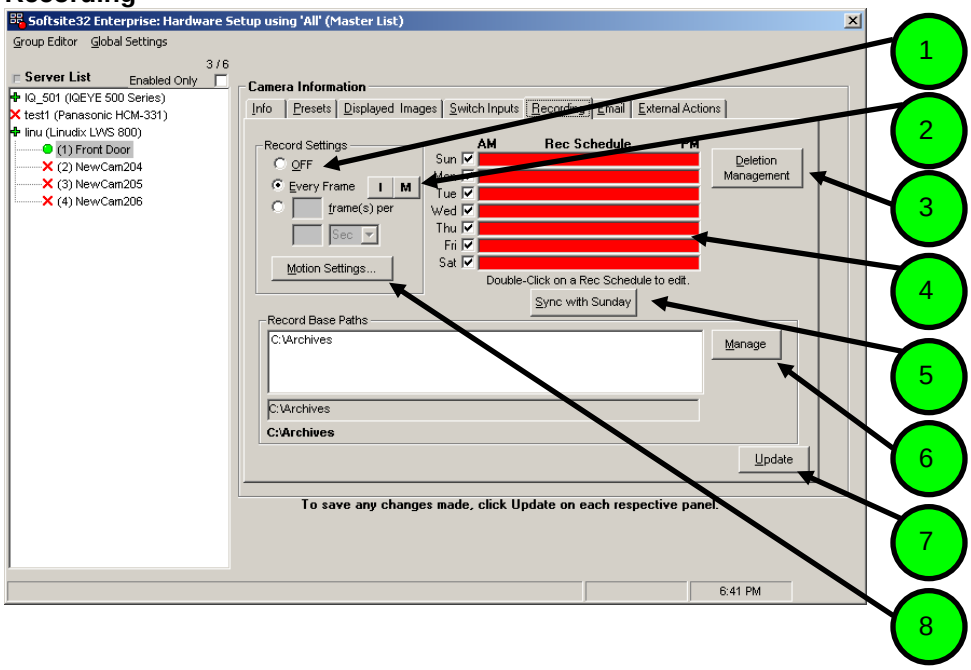
   Shows image size in resolution and bytes
   Optimize performance allows optimization through byte size buffers

2. **Use Camera default image settings**
   - Uses current camera setting as defaults for recording. Stream size for viewing can be adjusted using downsample. Unchecking allows certain cameras image setting to be set from this panel. Check with dealer for more info
3. **Downsample**

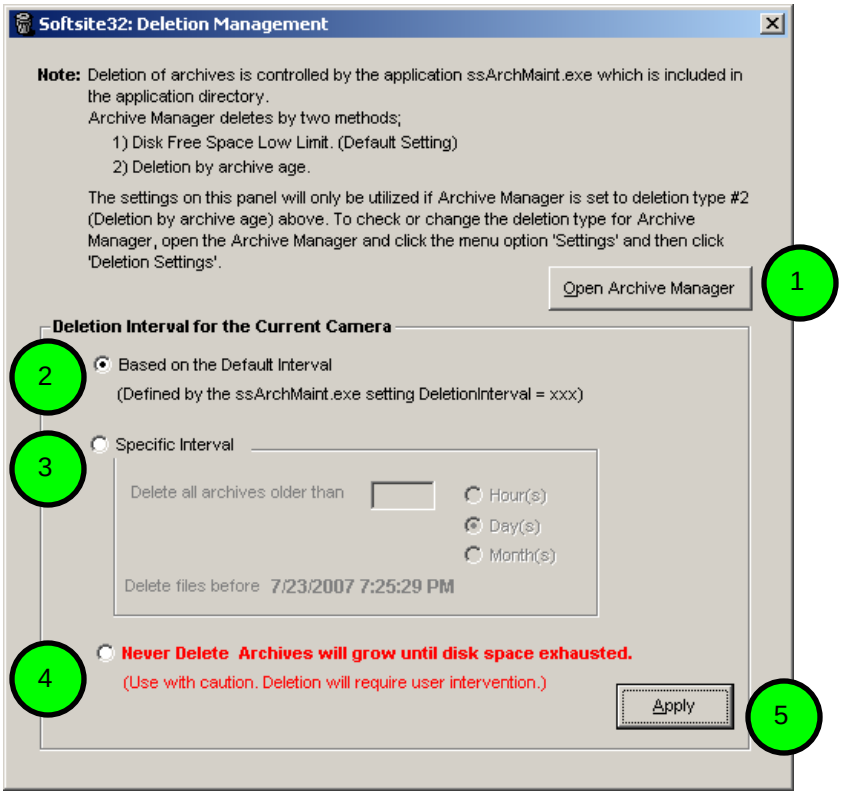
- Takes stream size and shrinks for viewing, divides image size by multiples of 2. NOTE: Does not affect recording size

4. **Auto optimize streaming on update**
   - When update is pressed stream is automatically optimized
5. **Defaults**
   - Resets the defaults for the page
6. **Update**
   - This button updates all changes made to page. Button must be pressed to save any and all changes
7. **Flip Image(display only)**
   - Flips the stream over for display
8. **Force Black and White mode**
   - Forces Stream black and white

Recording

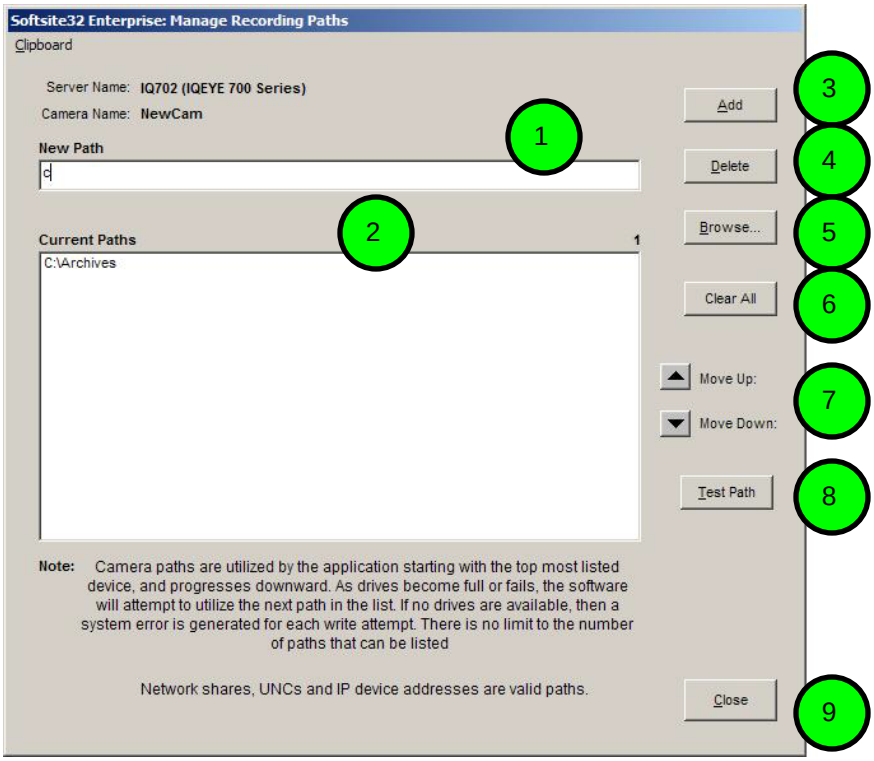


1. **Record Settings**
   - Three options are here for recording. *off*, *every frame* and *frames per second.* Select the option by clicking on the button
2. **Interval and Motion record buttons**
   - Sets interval or motion recording for the entire schedule. M is motion recording and is displayed in yellow on calendar. I is interval recording and is displayed in yellow
3. **Deletion Management**
   - Allows per camera deletion settings using Archive Manager



1. **Open Archive Manager**
   - Launches Archive Manager (if application is running it will bring it to the foreground)
2. **Default Interval**
   - Selecting option allows archive manager control of deletion settings(uses ssarchmaint.ini)
3. **Specific Interval**
   - Selecting option allows a different deletion age of archives than set in ssarchmaint.ini. **NOTE:** Option only engages when Archive Manager is set to delete by Archive Age, **WILL NOT** engage when Archive Manager is set to delete by Disk Free Space Low Limit(Percentage Free)
4. **Never Delete**
   - Selecting option will never delete archives for this camera **NOTE:** Option only engages when Archive Manager is set to delete by Archive Age, **WILL NOT** engage when Archive Manager is set to delete by Disk Free Space Low Limit(Percentage Free)
5. **Apply**
   - Applies settings on this panel.

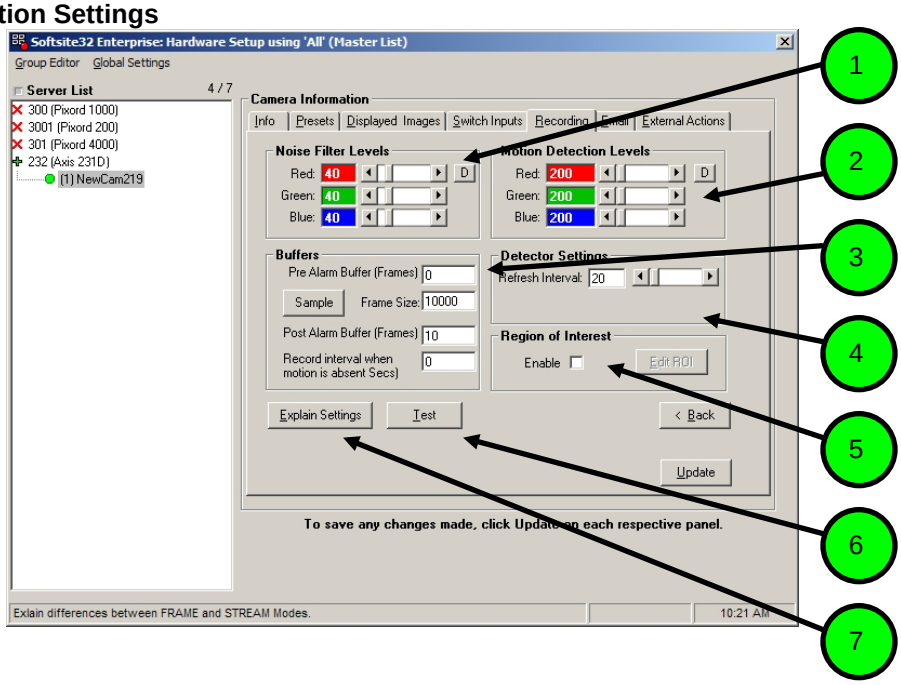
4. **Record Schedule**
   - Double click on a day of the week to set the schedule. Follow the instructions on the next panel to set up schedule for the day selected
5. **Sync with Sunday**
   - Syncs the other 6 days with Sundays schedule
6. **Manage record paths button**
   - Click here to change paths of recording, make sure you delete the existing path



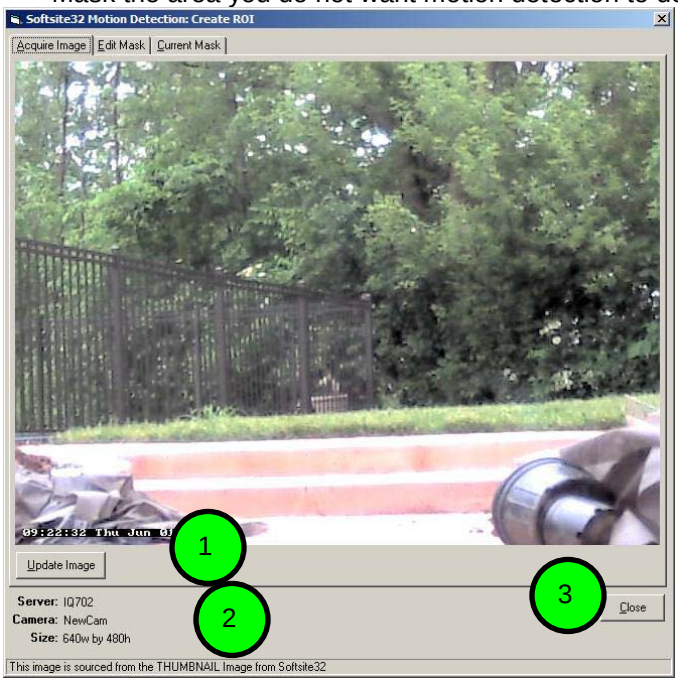
1. **New Path box**
   - Manually enter a new path
2. **Current Path List**
   - Currently only one path is in use. You can not use more than one path
3. **Add**
   - Adds path in the new path box to the current path list
4. **Delete**
   - Removes path from current paths list
5. **Browse**
   - Browse for a new path
6. **Clear all**
   - Clears all paths in the current paths box
7. **Move up/down**
   - Moves paths up and down(not currently used)
8. **Test path**
   - Test path to make sure it is online
9. **Close**

7. **Update**
   - This button updates all changes made to page. Button must be pressed to save any and all changes

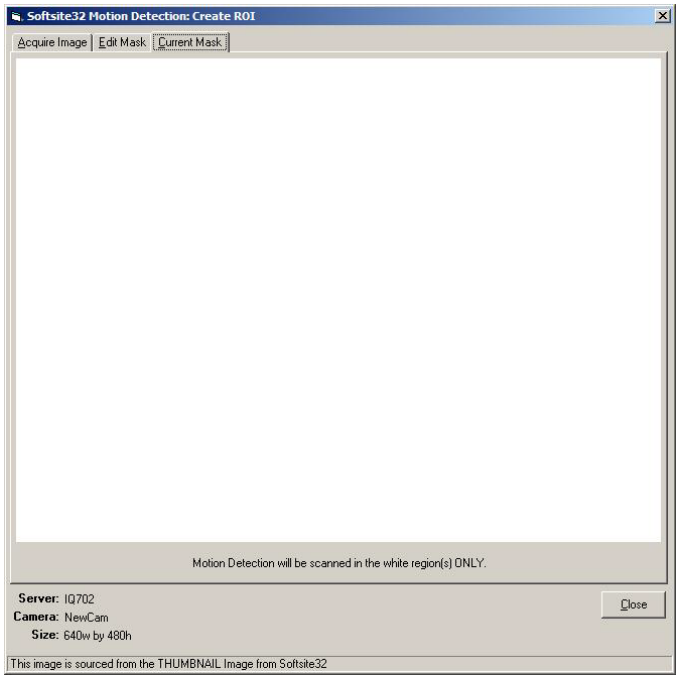
8. Motion Settings



1. **Noise Filter Levels**
   - Adjusts the Noise Filter levels. Press the D to sync the green and blue with red.
2. **Motion Detection Levels**
   - Adjusts the motion filter levels. Press the D to sync the green and blue with red.
3. **Buffers**
   - Pre-alarm and post alarm buffer settings. Average these from the preview button on the displayed images tab
4. **Detector Settings**
   -
5. **Region of Interest**
   - Mask the area you do not want motion detection to detect for



1. Update image
    a. Updates the current image
2. Image info
    a. Displays image size and server info
3. Close



1. Motion Detection will be scanned in the white portions those shown are hidden from motion detection

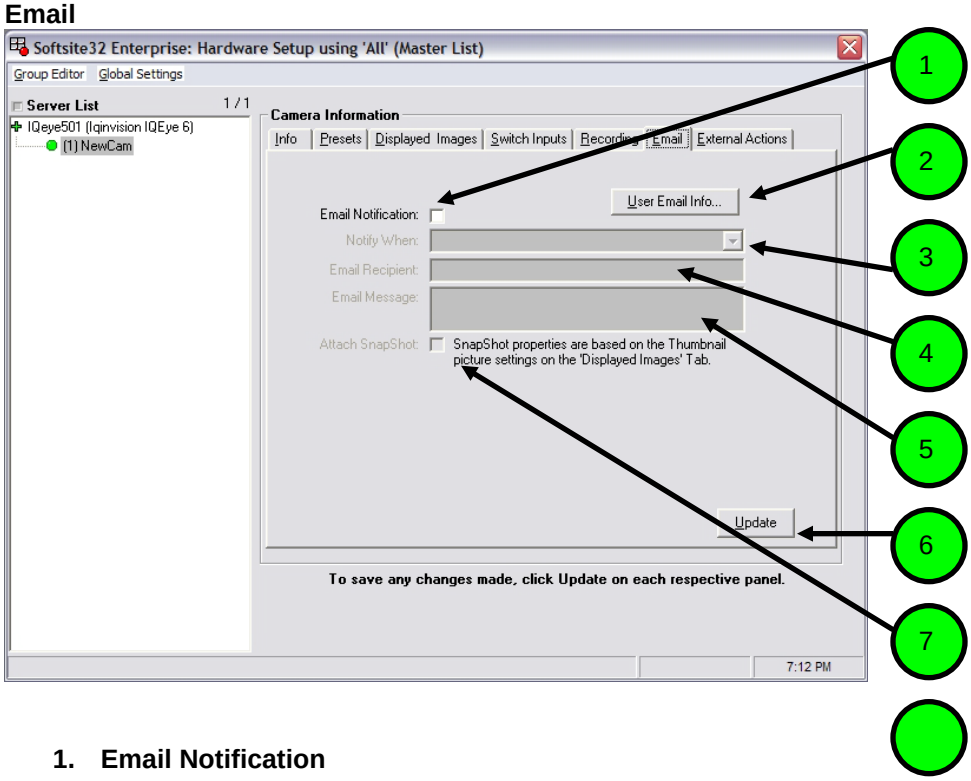
6. Test

- Brings up a test utility for tuning motion detection settings. Contact dealer for more info

7. Explain Settings

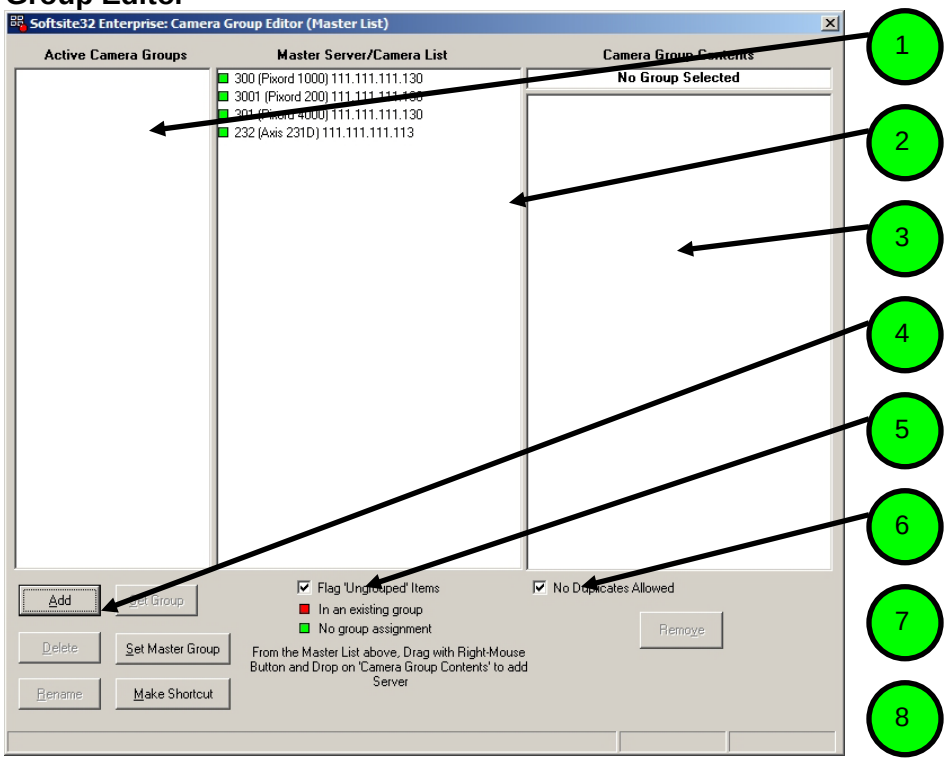
- Explains motion detection in full detail. Any questions on settings and or explanation look here.

Email



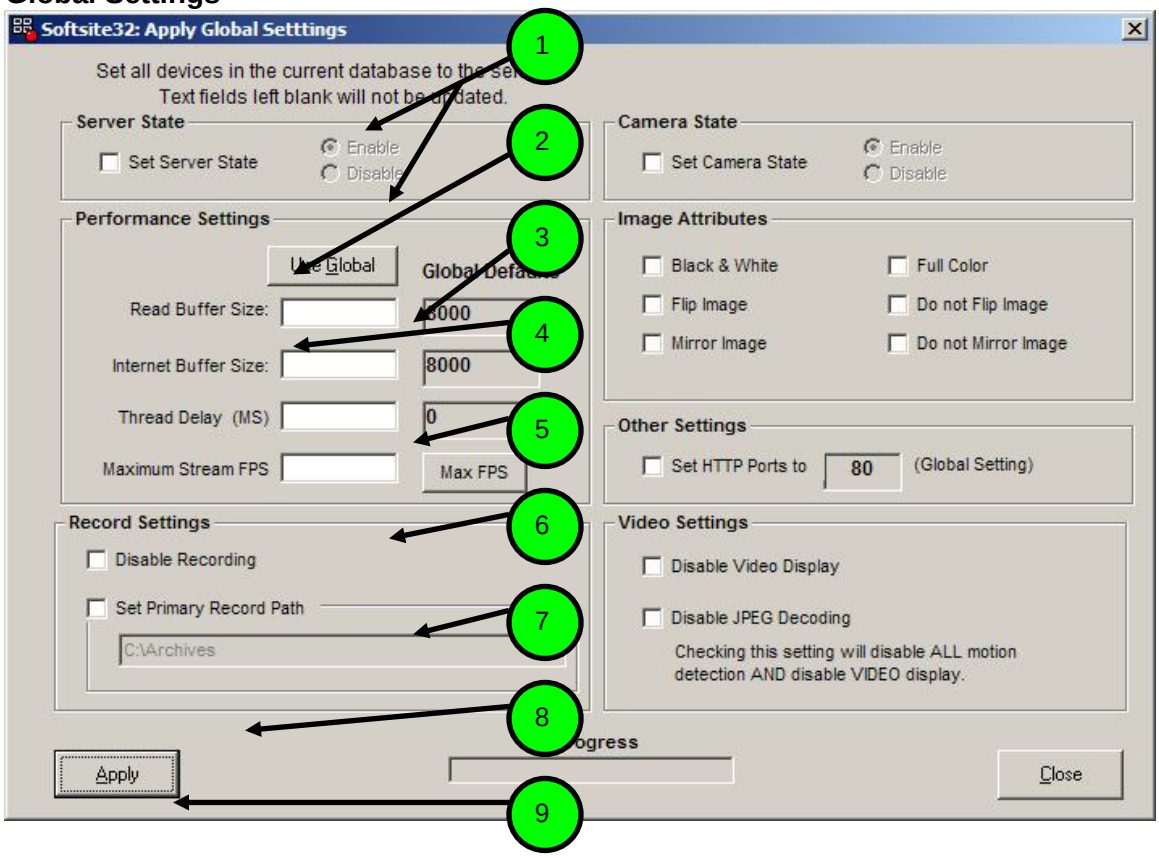
1. **Email Notification**
   - Enables email notification
2. **User Email Info**
   - Setup of email account to send from. An Outlook express account must be setup on the machine
3. **Notify when**
   - Has only one option and is motion detection
4. **Email recipient**
   - Recipient of the email notification
5. **Email message**
   - Message that accompanies the email
6. **Update**
   - This button updates all changes made to page. Button must be pressed to save any and all changes
7. **Attach Snapshot**
   - Attach a snapshot of motion to the email

Group Editor



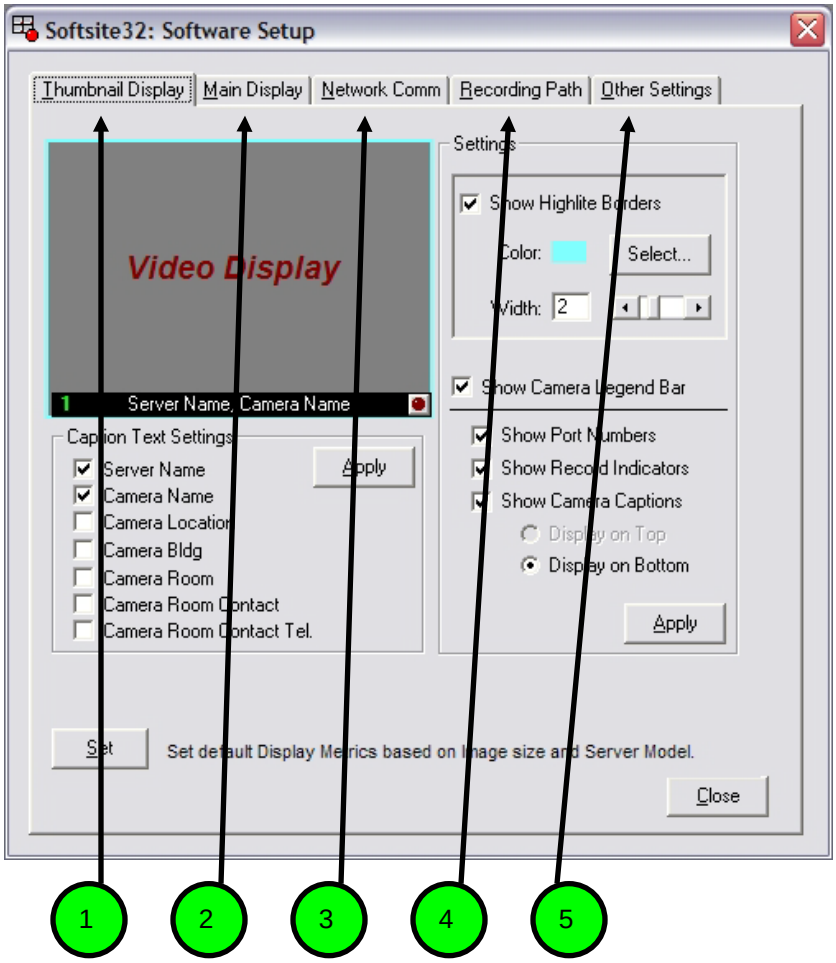
1. **Active camera groups**
   - Any added groups appear here
2. **Master Server camera list**
   - Displays any camera in the database and if flag is checked, displays whether they are a part of a camera group
3. **Camera group contents**
   - Displays the cameras in the active camera group selected
4. **Add Delete Rename**
   - Can add delete or rename camera groups
5. **Flag unopened Items**
   - Displays red icon to signify whether the cameras are in a group
6. **No Duplicates allowed**
   - Disables the ability to have cameras in multiple groups
7. **Set Master Group**
   -
8. **Make Shortcut**
   - Allows shortcuts to the individual groups with individual setting to be made
   - Defaults can be overridden here like screen size and display metrics

Global Settings



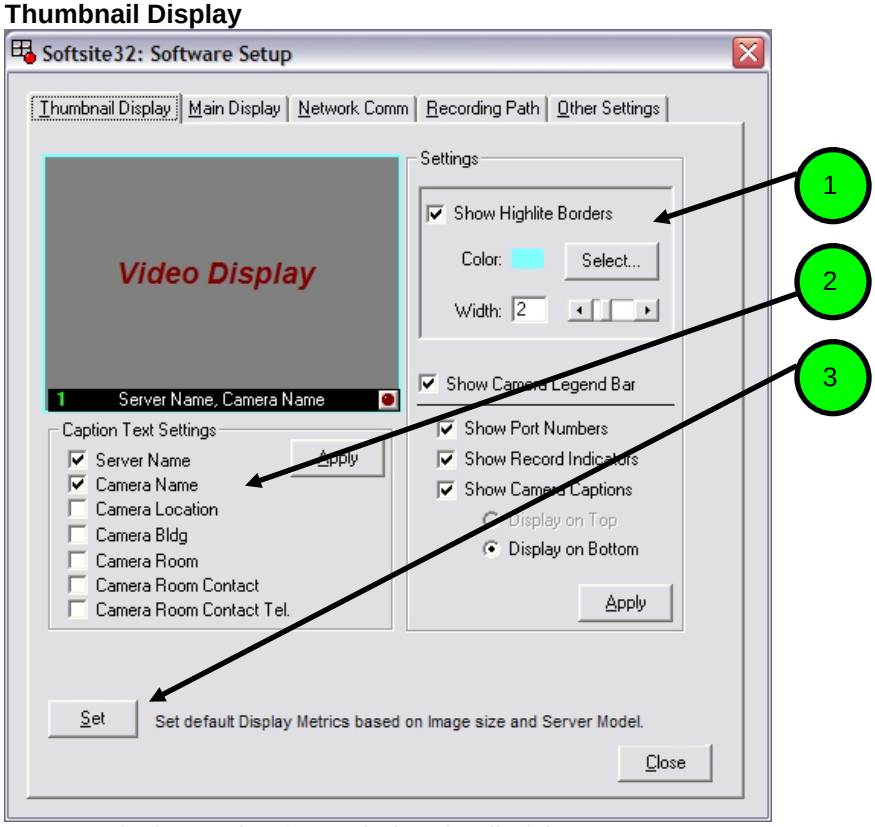
1. **Server and Camera state**
   - Allows quick enabling or disabling of servers or cameras
2. **Use Global Button**
   - Uses Global defaults as the settings
3. **Global Defaults**
   - Global defaults come from the Softsite.ini file
4. **Performance Settings**
   - These settings apply to all cameras. Normally both buffers are set the same. Thread delay allows processing power to be given back to the processor. Max FPS sets the requested framerate for all cameras
5. **Max FPS**
   - Sets the max fps as set in the softsite.ini
6. **Image Attributes**
   - Allow multiple setting of attributes
7. **Http Port**
   - Sets HTTP port globally (Default 80)
8. **Primary Record Path**
   - Sets the primary record path globally
9. **Apply**
   - Applies and settings changed on this panel NOTE: if any are set to 0 the default will be used from the softsite.ini

Software

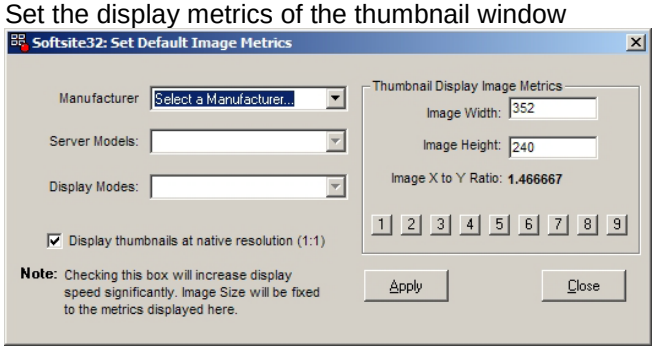


1. **Thumbnail Display**
   - Changes can be made to the thumbnail display here. Display metrics and colors can be set as well
2. **Main Display**
   - Sets the thumbnail width and height(ie 2x3, 3x3)
3. **Network Comm**
   - Adjust Ping Settings
4. **Recording Path**
   - The path can be changed here but the individual paths supercede this one
5. **Other Settings**
   - Allows access to the softsite.ini

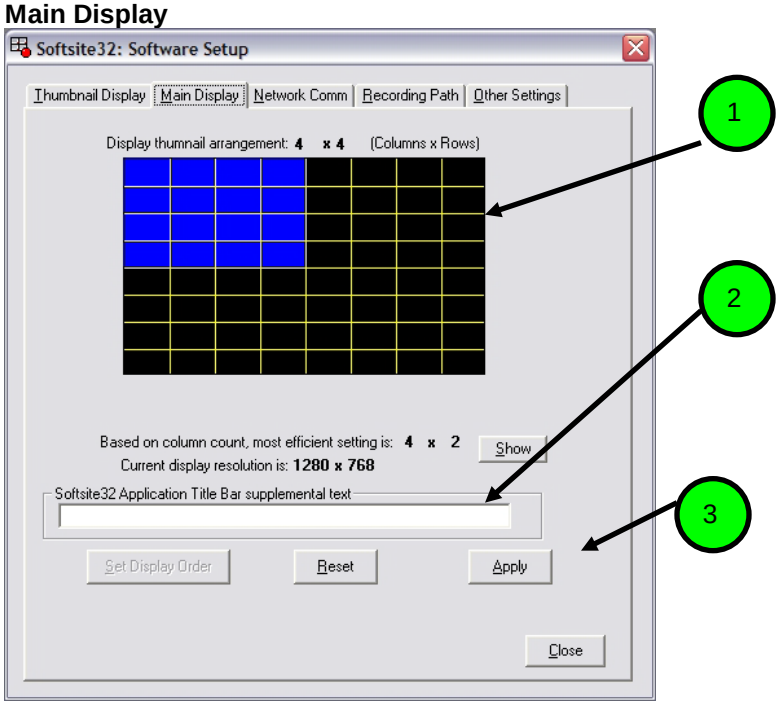
Thumbnail Display



1. Display setting for each thumbnail of the cameras
2. Caption setting for each thumbnail of the cameras
3. Set the display metrics of the thumbnail window

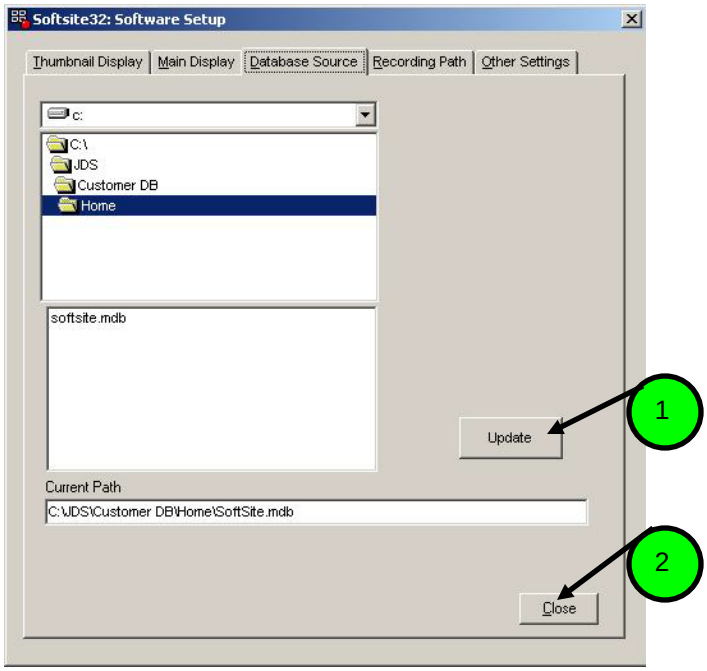


Main Display



1. **Click to arrange thumbnails grid. Blue is the selected grid**
2. **Change the Text in the application title bar**
3. **Apply the changes**

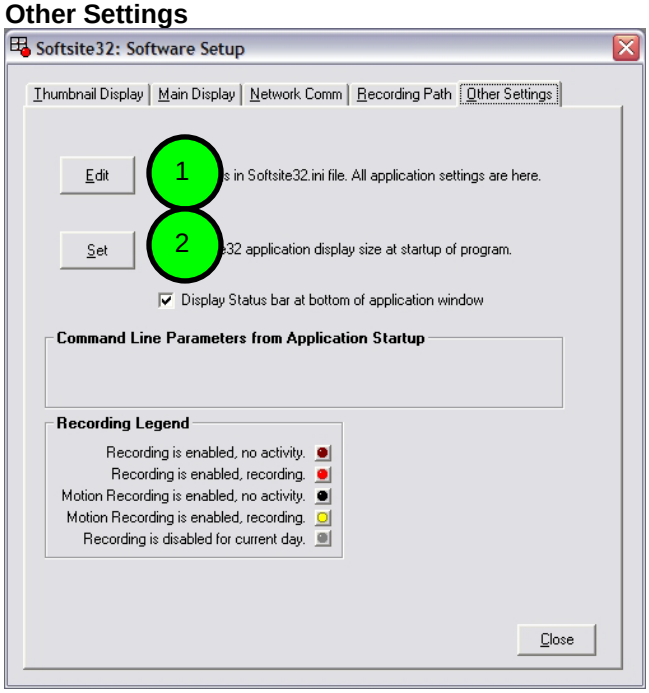
Database Source



1. **Update**
   - After locating and selecting the database, click update to align the fields in the softsite.ini
2. **Close**
   - Close the panel

Recording Path

Other Settings

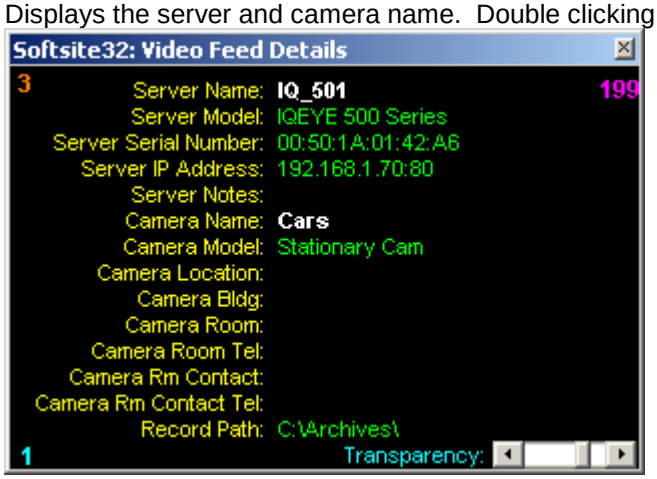


1. **Brings up Softsite.ini for editing**
2. **Brings screen for display size**

Operation

Main Window

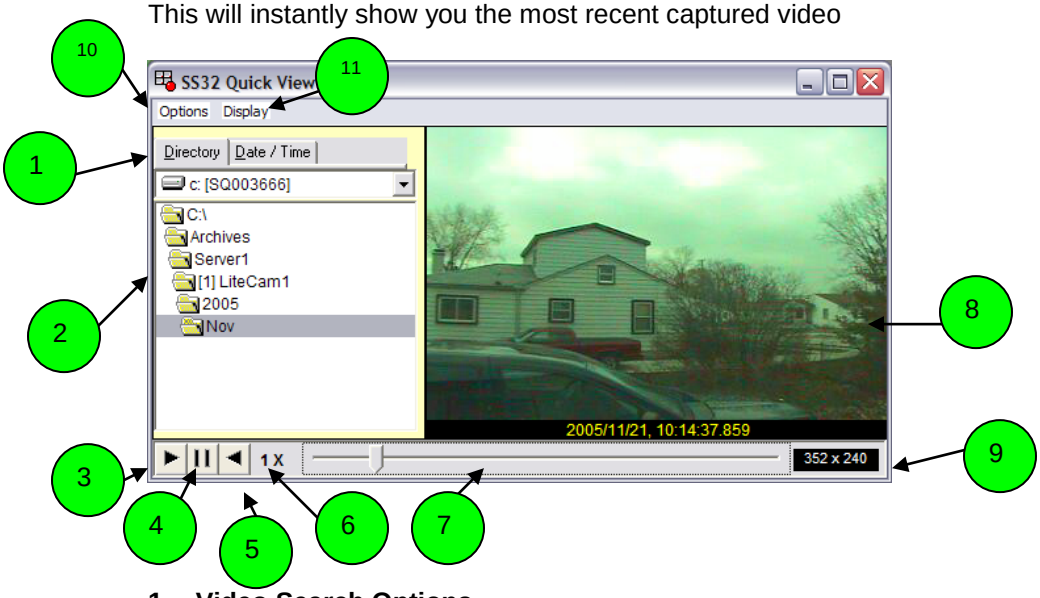
1. **Caption**
   - Displays the server and camera name. Double clicking caption will display more information.



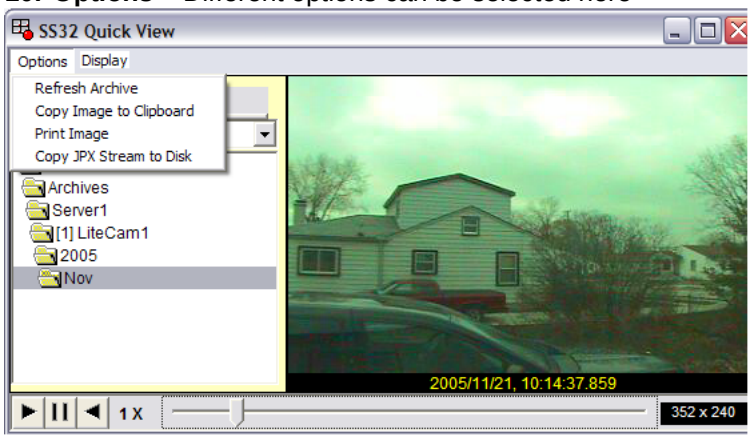
   - You can explore the record path by clicking on it. You can also launch a web browser by clicking on the ip address of the camera
2. **FPS**
   - Displays the current frames per second
3. **Rec Indicator**
   - Displays recording indicator and mode. Solid Red is recording every frame on interval. Red with a rotating line is interval with a set fps. Flashing yellow is recording on motion and is only present when motion is detected.
   - Pressing the record indicator brings up Quickview

Quickview

This will instantly show you the most recent captured video

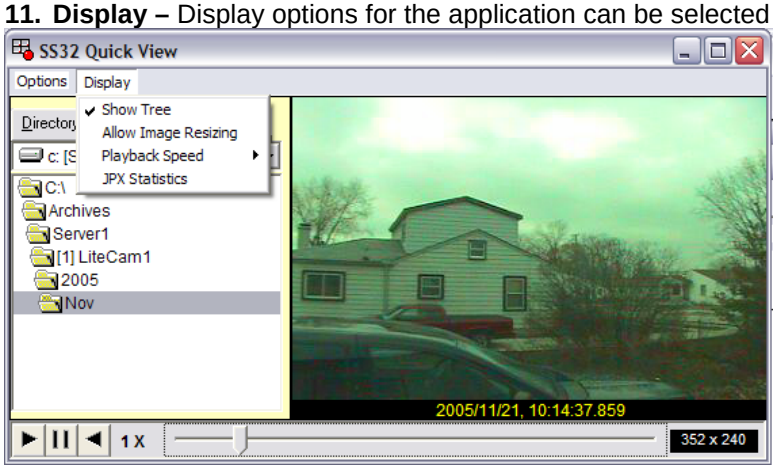


1. **Video Search Options**
   - You can use a directory tree, date/time, or motion activity history to search through archives (you may need to resize the window to show the bottom and the individual archives)
2. **Directory Tree / Date and Time**
   - Depending on which tab you have chosen you will see either a directory tree or a calendar
3. **Play**
4. **Pause**
5. **Play in Reverse**
6. **Play Speed**
   - Displays the current speed playback is occurring in
7. **Slider Bar**
   - Allows quick movement through archive and also movement using the scroll wheel of the mouse
8. **Video Window**
   - Where the images are displayed
9. **Recorded Image size**
   - The size the image was recorded in
10. **Options –** Different options can be selected here



- *Refresh Archive* – adds video that has been recorded since the record button has been pushed
- *Copy Image to Clipboard* – Takes image from the video window and allows it to be pasted into other applications
- *Print Image* – Prints image to default printer
- *Copy Jpx Stream to Disk* - Copies the current file to another location on the hard drive

11. Display – Display options for the application can be selected here

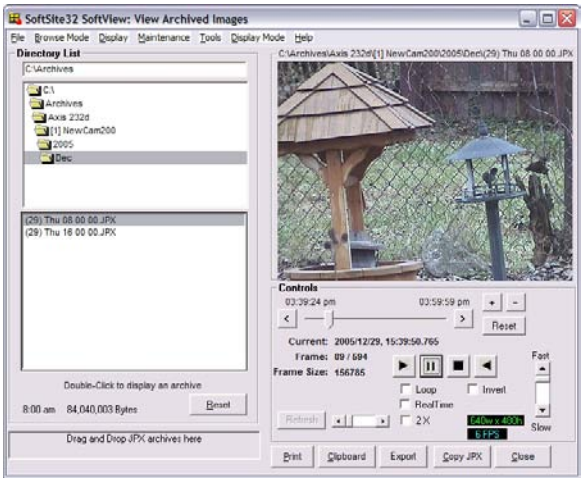


- *Show Tree* – Displays the tree or the date and time depending on the method of retrieval selected
- *Allow Image Resizing* – Allows image to be stretched to a larger size for playback
- *Playback Speed* – Allows playback speed to be changed
- *JPX Statistics* – Displays frame count and size of current archive

4. Archive

- Shortcut to *Softview*, *SoftviewDVE*, *Motion Activity History*.

Softview

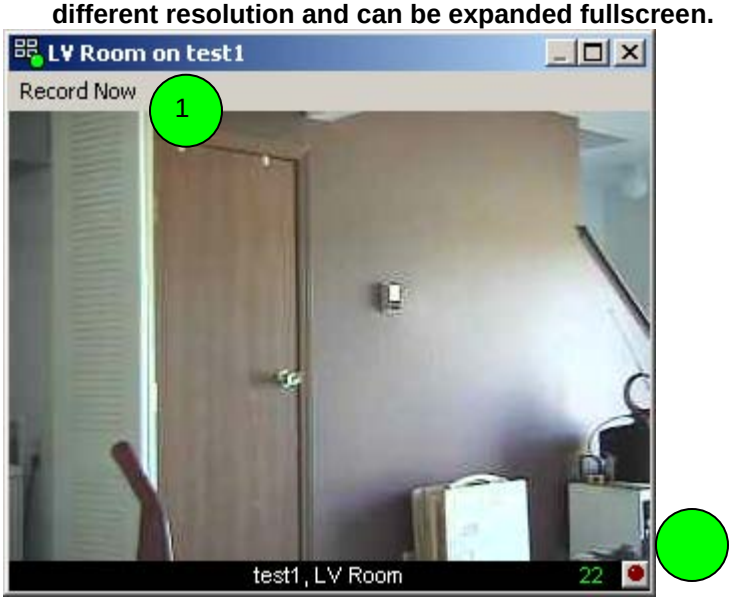


See Softview Documentation for more info

SoftviewDVE

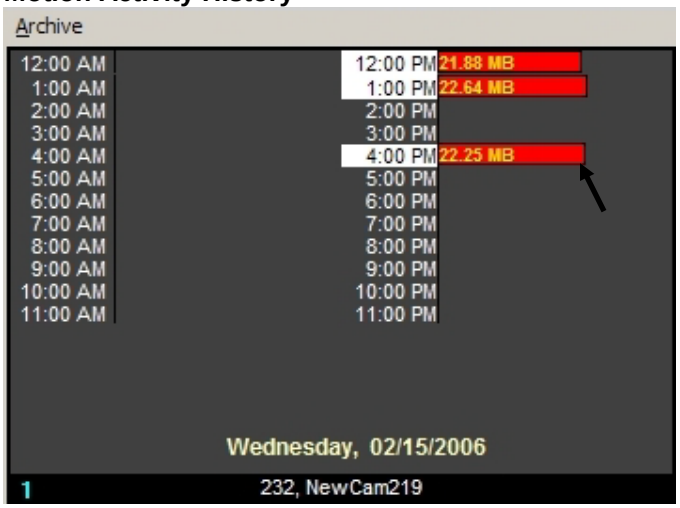
See SoftviewDVE for more info

5. **Video Image**
   - **Double clicking on image will display a secondary stream to the camera. This stream can be a different resolution and can be expanded fullscreen.**



1. Record Now manually records the stream being displayed. If this window is setup for a different resolution, that resolution will be recorded.
2. The recording indicator launches quickview with the current archive of the manual recording. Note: Manual Recordings are saved with a postfix on the end of the folder ie… [1] Front Door_Manual

Motion Activity History



Displays a Graphical representation of motion activity for all cameras shown
Double click any red bar to bring up that hour of video instantly

Feature Addendum
04/30/2007

1. **Digital PTZ**
   You can now engage a digital PTZ feature for your megapixel camera, the camera will still stream the full image but you will only see the image metric size of your window (default is 320x240).
   To engage this feature,
   1. Set your camera up as normal.
   2. Then on the *info tab*, under *camera model* select Digital PTZ (currently zoom is not implemented). If this is not an option, please upgrade the latest version of enterprise.
   3. Check the *enable camera movement*
   4. Select Update
   5. Exit Setup
   6. Click Start
   7. Open the PTZ Panel from the Display menu
   8. Pan the camera around as you would with a normal PTZ, next to the buttons you will see an image preview of the entire image. You can click on the small preview of the full image to jump the pan window to the click point. The Image refreshes on the click.

2. **Database Source**
   You can now access and select the database location from the *setup, software* panel.
   1. Select *setup, software*
   2. Select the *Database Source* tab

3. Locate the Database
4. Click Update, and close
5. Restart the software for the changes to take affect

There is also a command line switch to specify a specific database. /DB=path specifies the location of the database specific to the icon.

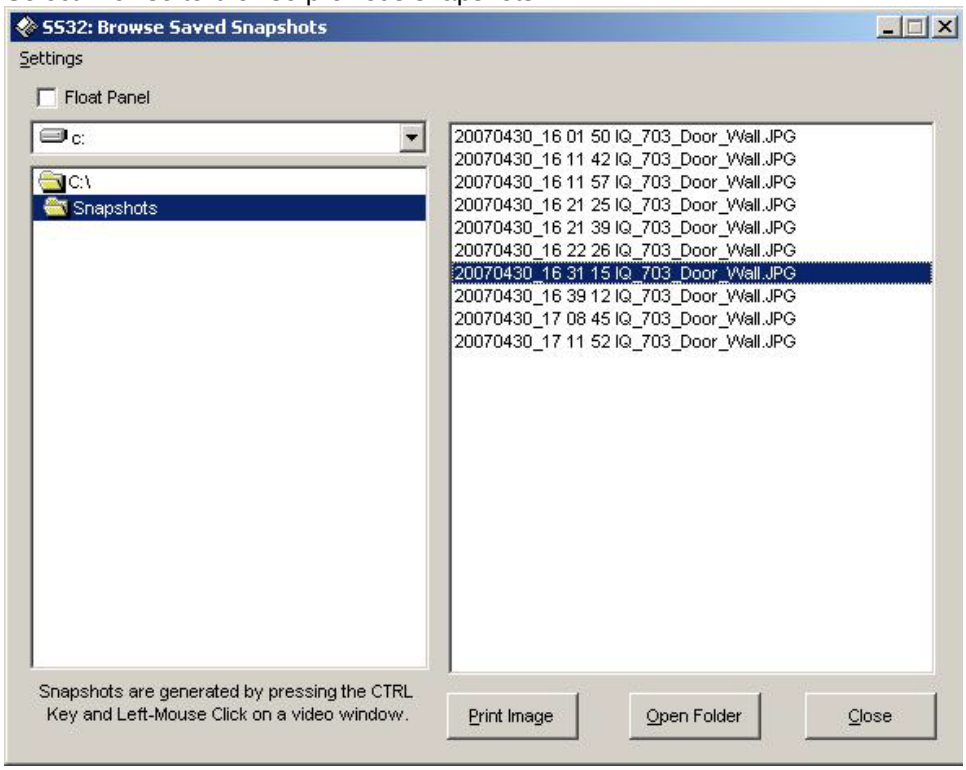
3. Snapshots

Snapshots can be taken from the live view and notes can be attached to the snapshots for review. Print functions also are included.

1. CTRL + Left Click on any live image (Thumbnail or FullView) to take a snapshot and store it c:\snapshots (this path can be specified in the softsite.ini under [Snapshot]

2. Select *Print* to print image
3. Select *Notes, Show Notes*. You can type in notes here either click off the note field or uncheck show notes to save.

4. Select *Browse* to browse previous snapshots.



1. Select any image to display in the snapshot window. You can change the default path for storage of the snapshots from the *Settings* on top.

2. Select *Float Panel* to keep the browse window on top at all times.
3. *Open Folder* launches the Windows explorer to the location of the snapshots for retrieval